| Ref<br># | Hits  | Search Query                             | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|-------|--|---|---------------------|---------|------------------|
| IJ       | 17863 | wong.in.                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2006/01/31 07:27 |
| L2       | 28    | wong.in. and scintillator                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2006/01/31 07:28 |
| 13       | 42    | wong.in. and scintillat\$4 and<br>tun\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2006/01/31 07:28 |
| L4       | 140   | 250/363.09.ccls.                         | US-PGPUB;<br>USPAT;<br>USOCR                | OR                  | ON      | 2006/01/31 07:36 |
| L5       | 430   | 250/363.02:ccls.                         | US-PGPUB;<br>USPAT;<br>USOCR                | OR                  | ON      | 2006/01/31 07:36 |
| L6       | 280   | 250/363.03.ccls.                         | US-PGPUB;<br>USPAT;<br>USOCR                | OR                  | ON      | 2006/01/31 07:36 |
| L7       | 358   | 250/363.04.ccls.                         | US-PGPUB;<br>USPAT;<br>USOCR                | OR                  | ON      | 2006/01/31 07:36 |
| L8       | 48    | 250/363.06.ccls.                         | US-PGPUB;<br>USPAT;<br>USOCR                | OR                  | ON      | 2006/01/31 07:36 |
| L9       | 160   | 250/363.07.ccls.                         | US-PGPUB;<br>USPAT;<br>USOCR                | OR                  | ON      | 2006/01/31 07:36 |
| L10      | 555   | 250/367.ccls.                            | US-PGPUB;<br>USPAT;<br>USOCR                | OR                  | ON      | 2006/01/31 07:36 |
| L11      | 542   | 250/368.ccls.                            | US-PGPUB;<br>USPAT;<br>USOCR                | OR                  | ON      | 2006/01/31 07:36 |
| L12      | 755   | 250/369.ccls.                            | US-PGPUB;<br>USPAT;<br>USOCR                | OR                  | ON      | 2006/01/31 07:36 |
| L13      | 1094  | 250/252.1.ccls.                          | US-PGPUB;<br>USPAT;<br>USOCR                | OR                  | ON      | 2006/01/31 07:36 |
| L14      | 548   | 250/370.11.ccls.                         | US-PGPUB;<br>USPAT;<br>USOCR                | OR                  | ON      | 2006/01/31 07:36 |

| L15 | 7   | (tun\$4 same scintillat\$4) and PMT and LED   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:37 |
|-----|-----|---|---|----|----|------------------|
| L16 | 12  | ("3011057"   "4079257"  <br>"4256960"   "4517460"  <br>"5345082"   "5610396"  <br>"5646408"   "5847395"  <br>"6342698"   "6452164"  <br>"6664542"):PN. OR ("6835935").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/01/31 07:37 |
| L17 | 4   | ("4079257"   "6140650").PN. OR<br>("6452164").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/01/31 07:38 |
| L18 | 9   | ("4424446"   "4588897"  <br>"5481115"   "5689115"  <br>"5818050").PN. OR ("6140650").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/01/31 07:38 |
| L19 | 5   | ("4079257"   "4605856"  <br>"4764678"   "5004904"  <br>"5237173").PN. OR ("5412215").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/01/31 07:38 |
| L20 | 155 | (tun\$4 or calibrat\$5) and<br>scintillat\$4 and detector and PMT<br>and LED  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:40 |
| L21 | 12  | L4 and L20  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:41 |
| L22 | 2   | L5 and L20  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:41 |
| L23 | 2   | L6 and L20  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:41 |
| L24 | 2   | L7 and L20  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:42 |
| L25 | 1   | L8 and L20  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:42 |
| L26 | 0   | L9 and L20  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:40 |

| L27 | 5  | L10 and L20  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:42 |
|-----|----|--|---|----|----|------------------|
| L28 | 2  | L11 and L20  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:42 |
| L29 | 8  | L12 and L20  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:42 |
| L30 | 11 | L13 and L20  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:43 |
| L31 | 3  | L14 and L20  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:43 |
| L32 | 13 | ("4272677"   "4857722"  <br>"4866615"   "5004904"  <br>"5373161"   "5410153"  <br>"5449897"   "5512755"  <br>"5539202").PN. OR ("5677536").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/01/31 07:43 |
| L33 | 4  | ("5677536"   "5986266"  <br>"6232604").PN. OR ("6624422").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/01/31 07:43 |
| L34 | 1  | ((tun\$4 same scintillat\$4) and<br>(light adj detector) and (equaliz\$4<br>same output)).clm.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:45 |
| L35 | 1  | ((tun\$4 same scintillat\$4) and<br>(light same detector) and<br>(equaliz\$4 same output)).clm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:45 |
| L36 | 1  | ((tun\$4 same scintillat\$4) and<br>(equaliz\$4 same output) and<br>plural\$4 same (light adj<br>detector)).clm.                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:46 |
| L37 | 1  | ((tun\$4 same (light adj detector))<br>and (equaliz\$4 same output) and<br>plural\$4 same (light adj<br>detector)).clm.                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:46 |
| L38 | 1  | (PMT and ((first or second) adj<br>light) and pulser and (pulse same<br>height) and computer).clm.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:47 |

| L39 | 11126 | (tun\$ or calibrat\$5) and equaliz\$4 and light | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:48 |
|-----|-------|---|---|----|----|------------------|
| L40 | 7     | L4 and L39                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:49 |
| L41 | 2     | L5 and L39                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:49 |
| L42 | 5     | L6 and L39                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:49 |
| L43 | 0     | L7 and L39                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:48 |
| L44 | 1     | L8 and L39                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:49 |
| L45 | 1     | L9 and L39                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:50 |
| L46 | 4     | L10 and L39                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:50 |
| L47 | 2     | L11 and L39                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:51 |
| L48 | 5     | L12 and L39                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:51 |
| L49 | 9     | L13 and L39                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:51 |
| L50 | 3     | L14 and L39                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:52 |

| L51 | 8  | ("3940626"   "4595014").PN. OR<br>("5428223").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/01/31 07:50 |
|-----|----|---|---|----|----|------------------|
| S1  | 13 | "4033884"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:26 |
| S2  | 18 | "4272677"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:43 |
| S3  | 21 | " <del>442444</del> 6"                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:43 |
| S4  | 29 | "4517460"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:43 |
| S5  | 14 | "4582995"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:43 |
| S6  | 14 | "4588897"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:44 |
| S7  | 14 | "4647779"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:44 |
| S8  | 20 | "4677299"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:44 |
| S9  | 14 | "4733083"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:44 |
| S10 | 19 | "4755679"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:45 |
| S11 | 6  | "4868392"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:45 |

| S12 | 9  | "4883966"              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:45 |
|-----|----|------------------------|---|----|----|------------------|
| S13 | 18 | "5237173"              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:45 |
| S14 | 11 | "52723 <del>44</del> " | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:46 |
| S15 | 18 | "5319204"              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:46 |
| S16 | 8  | "5373161"              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:46 |
| S17 | 40 | "5384699"              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:46 |
| S18 | 7  | "5410153"              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:46 |
| S19 | 6  | "5421215"              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:47 |
| S20 | 10 | "5449897"              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:47 |
| S21 | 21 | "5451789"              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:47 |
| S22 | 12 | "5453610"              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:48 |
| S23 | 24 | "5453623"              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:48 |

| S24 | 7  | "5491342" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:48 |
|-----|----|-----------|---|----|----|------------------|
| S25 | 8  | "5525794" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:48 |
| S26 | 7  | "5677536" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:49 |
| S27 | 13 | "5825031" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:49 |
| S28 | 17 | "6091070" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:49 |
| S29 | 3  | "6121619" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:49 |
| S30 | 6  | "6140650" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:50 |
| S31 | 14 | "6310349" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:50 |
| S32 | 4  | "6342698" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:50 |

| F   |       |  | <del></del>                                 | 1  |    |                  |
|-----|-------|--|---|----|----|------------------|
| S33 | 44    | (US-4033884-\$ or US-4272677-\$ or US-4424446-\$ or US-4517460-\$ or US-4582995-\$ or US-4647779-\$ or US-4677299-\$ or US-4733083-\$ or US-4868392-\$ or US-5237173-\$ or US-5272344-\$ or US-5373161-\$ or US-5384699-\$ or US-5410153-\$ or US-5421215-\$ or US-5449897-\$ or US-5451789-\$ or US-5453623-\$ or US-5491342-\$ or US-5825031-\$ or US-6091070-\$ or US-6121619-\$ or US-6310349-\$).did. or (US-6342698-\$).did. or (US-4588897-\$ or US-5272344-\$ or US-5319204-\$ or US-5384699-\$ or US-5453610-\$ or US-5453623-\$ or US-5453610-\$ or US-5453623-\$ or US-5453610-\$ or US-5525794-\$ or US-5453610-\$ or US-5825031-\$ or US-5677536-\$ or US-5825031-\$ or US-6121619-\$ or US-6121619-\$ or US-6121619-\$ or US-6121619-\$ or US-6121619-\$ or US-6121619-\$ or US-6140650-\$).did. | USPAT;<br>DERWENT                           | OR | ON | 2005/10/11 09:51 |
| S34 | 2     | S33 and tuning and scintillat\$4<br>and detector   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 10:50 |
| S35 | 0     | "Wai-Hoi Wong".in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:54 |
| S36 | 17268 | Wai-Hoi Wong.in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:54 |
| S37 | 17261 | Wong.in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 09:54 |
| S38 | 6     | S37 and tuning and scintillat\$4<br>and detector   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 10:36 |
| S39 | 17    | ("4733083"   "4743764"  <br>"4883966"   "5032728"  <br>"5091650"   "5319204").PN. OR<br>("5453623").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/11 10:35 |
| S40 | 137   | 250/363.09.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2006/01/31 07:36 |

| S41 | 1832 | 250/363\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/11 10:35 |
|-----|------|---|---|----|----|------------------|
| S42 | 269  | 250/363:03.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/11 10:35 |
| S43 | 350  | 250/363.04.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/11 10:36 |
| S44 | 48   | 250/363.06.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/12 10:13 |
| S45 | 522  | 250/370.11.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/11 10:36 |
| S46 | 545  | 250/367.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/11 10:36 |
| S47 | 540  | 250/368.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/11 10:37 |
| S48 | 7    | S40 and tuning and scintillat\$4<br>and detector and PMT and LED  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 10:41 |
| S49 | 1079 | 250/252.1.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/11 10:37 |
| S50 | 426  | 250/363.02.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/11 10:37 |
| S51 | 749  | 250/369.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/11 10:40 |
| S52 | 12   | ("3011057"   "4079257"  <br>"4256960"   "4517460"  <br>"5345082"   "5610396"  <br>"5646408"   "5847395"  <br>"6342698"   "6452164"  <br>"6664542").PN. OR ("6835935").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/11 10:40 |
| S53 | 0    | S52 and tuning and scintillat\$4<br>and detector and PMT and LED  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:40 |
| S54 | 1    | S52 and scintillat\$4 and detector and PMT and LED  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 10:41 |

| S55 | 14 | ("3900731"   "4047034"   "4079257"   "4272677"   "4516025"   "4517460"   "4583187"   "4605856"   "4611117"   "4882495"   "5004904"   "5237173"   "5373161").PN. OR ("6342698"). URPN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/11 10:48 |
|-----|----|---|---|----|----|------------------|
| S56 | 4  | S33 and scintillat\$4 and detector and LED and PMT  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 10:55 |
| S57 | 13 | ("4272677"   "4857722"  <br>"4866615"   "5004904"  <br>"5373161"   "5410153"  <br>"5449897"   "5512755"  <br>"5539202").PN. OR ("5677536").<br>URPN.                                  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/11 10:55 |
| S58 | 10 | ("4583187"   "5384699"  <br>"5449897"   "5550377"  <br>"5677536"   "5986266"  <br>"6008494"   "6232604"  <br>"6624422"   "6635878").PN. OR<br>("6858850").URPN.                       | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/11 10:55 |
| S59 | 2  | S58 and scintillat\$4 and detector and LED and PMT  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 11:04 |
| S60 | 0  | S58 and equaliz\$4 and scintillat\$4<br>and detector and LED and PMT  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 11:05 |
| S61 | 4  | S40 and equaliz\$4 and scintillat\$4 and detector and LED and PMT   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 12:22 |
| S62 | 4  | S41 and equaliz\$4 and scintillat\$4<br>and detector and LED and PMT  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 11:05 |
| S63 | 0  | S42 and equaliz\$4 and scintillat\$4 and detector and LED and PMT   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 11:05 |
| S64 | 0  | S43 and equaliz\$4 and scintillat\$4<br>and detector and LED and PMT  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 11:05 |

| S65 | 0   | S44 and equaliz\$4 and scintillat\$4 and detector and LED and PMT   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 11:05 |
|-----|-----|---|---|----|----|------------------|
| S66 | 0   | S45 and equaliz\$4 and scintillat\$4<br>and detector and LED and PMT  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 11:05 |
| S67 | 0   | S46 and equaliz\$4 and scintillat\$4 and detector and LED and PMT   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 11:05 |
| S68 | 0   | S47 and equaliz\$4 and scintillat\$4<br>and detector and LED and PMT  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 11:05 |
| S69 | 1   | S49 and equaliz\$4 and scintillat\$4 and detector and LED and PMT   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:18 |
| S70 | 1   | S50 and equaliz\$4 and scintillat\$4 and detector and LED and PMT   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 11:15 |
| S71 | 1   | S51 and equaliz\$4 and scintillat\$4 and detector and LED and PMT   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/11 11:06 |
| S72 | 12  | ("3011057"   "4079257"  <br>"4256960"   "4517460"  <br>"5345082"   "5610396"  <br>"5646408"   "5847395"  <br>"6342698"   "6452164"  <br>"6664542").PN. OR ("6835935").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/11 12:56 |
| S73 | 160 | 250/363.07.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/12 10:13 |
| S77 | 73  | S73 and (tun\$ or calibrat\$5)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:15 |
| S78 | 17  | ("4733083"   "4743764"  <br>"4883966"   "5032728"  <br>"5091650"   "5319204").PN. OR<br>("5453623").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/12 10:15 |
| S79 | 5   | S78 and (tun\$ or calibrat\$5)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:16 |

| S80 | 137  | 250/363.09.ccls.               | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/12 10:16 |
|-----|------|--------------------------------|---|----|----|------------------|
| S81 | 106  | S80 and (tun\$ or calibrat\$5) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:16 |
| S82 | 1832 | 250/363\$.ccls.                | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/12 10:16 |
| S83 | 630  | S82 and (tun\$ or calibrat\$5) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:16 |
| S84 | 269  | 250/363.03.ccls.               | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/12 10:16 |
| S85 | 136  | S84 and (tun\$ or calibrat\$5) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:16 |
| S86 | 350  | 250/363.04.ccls.               | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/12 10:16 |
| S87 | 151  | S86 and (tun\$ or calibrat\$5) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:16 |
| S88 | 48   | 250/363.06.ccls.               | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/12 10:16 |
| S89 | 22   | S88 and (tun\$ or calibrat\$5) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:16 |
| S90 | 522  | 250/370.11.ccls.               | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/12 10:16 |
| S91 | 163  | S90 and (tun\$ or calibrat\$5) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:16 |
| S92 | 545  | 250/367.ccls.                  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/12 10:16 |
| S93 | 171  | S92 and (tun\$ or calibrat\$5) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:16 |

| S94      | 540  | 250/368.ccls.                                      | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/12 10:17 |
|----------|------|--|---|----|----|------------------|
| S95      | 126  | S94 and (tun\$ or calibrat\$5)                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:17 |
| S96      | 1079 | 250/252.1.ccls.                                    | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/12 10:17 |
| S97      | 748  | S96 and (tun\$ or calibrat\$5)                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:17 |
| S98      | 426  | 250/363.02.ccls.                                   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/12 10:17 |
| S99      | 142  | S98 and (tun\$ or calibrat\$5)                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:17 |
| S10<br>0 | 749  | 250/369.ccls.                                      | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/12 10:17 |
| S10<br>1 | 196  | S100 and (tun\$ or calibrat\$5)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/31 07:48 |
| S10<br>2 | 12   | S81 and scintillat\$4 and detector and LED and PMT | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:19 |
| S10<br>3 | 18   | S83 and scintillat\$4 and detector and LED and PMT | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:19 |
| S10<br>4 | 2    | S85 and scintillat\$4 and detector and LED and PMT | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:49 |
| S10<br>5 | 2    | S87 and scintillat\$4 and detector and LED and PMT | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:53 |
| S10<br>6 | 1    | S89 and scintillat\$4 and detector and LED and PMT | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:20 |

| S10<br>7 | 3  | S91 and scintillat\$4 and detector and LED and PMT   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:19 |
|----------|----|--|---|----|----|------------------|
| S10<br>8 | 5  | S93 and scintillat\$4 and detector<br>and LED and PMT  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:19 |
| S10<br>9 | 2  | S95 and scintillat\$4 and detector and LED and PMT   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:19 |
| S11<br>0 | 11 | S97 and scintillat\$4 and detector and LED and PMT   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:20 |
| S11<br>1 | 2  | S99 and scintillat\$4 and detector and LED and PMT   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:19 |
| S11<br>2 | 8  | S101 and scintillat\$4 and detector<br>and LED and PMT   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/10/12 10:19 |
| S11<br>3 | 14 | ("3900731"   "4047034"  <br>"4079257"   "4272677"  <br>"4516025"   "4517460"  <br>"4583187"   "4605856"  <br>"4611117"   "4882495"  <br>"5004904"   "5237173"  <br>"5373161").PN. OR ("6342698").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/12 10:19 |
| S11<br>4 | 13 | ("4272677"   "4857722"  <br>"4866615"   "5004904"  <br>"5373161"   "5410153"  <br>"5449897"   "5512755"  <br>"5539202").PN. OR ("5677536").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/12 10:20 |
| S11<br>5 | 5  | ("4079257"   "4605856"  <br>"4764678"   "5004904"  <br>"5237173").PN. OR ("5412215").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/12 10:20 |
| S11<br>6 | 4  | ("5384699"   "5512755"  <br>"5525794").PN. OR ("6121619").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON | 2005/10/12 10:50 |

| S11<br>7 | 12 | ("3011057"   "4079257"  <br>"4256960"   "4517460"  <br>"5345082"   "5610396"  <br>"5646408"   "5847395"  <br>"6342698"   "6452164"  <br>"6664542").PN. OR ("6835935").<br>URPN.       | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/10/12 10:50 |
|----------|----|---|------------------------------|----|----|------------------|
| 511<br>8 | 5  | ("4079257"   "4605856"  <br>"4764678"   "5004904"  <br>"5237173").PN. OR ("5412215").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/10/12 10:52 |
| S11<br>9 | 14 | ("3900731"   "4047034"   "4079257"   "4272677"   "4516025"   "4517460"   "4583187"   "4605856"   "4611117"   "4882495"   "5004904"   "5237173"   "5373161").PN. OR ("6342698"). URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/10/12 10:54 |